

Image:

MV-MQ

MV4/A0-0C

Photo.M18,AC-NO,Cable 90°,Diffuse

TECHNICAL FEATURES

Detection properties

Nominal sensing distance	200mm
Thermal drift of Sr	$\leq 10\%$ Sr
Repeat Accuracy	5%
Sensitivity adjustment	No

Application

Function Principle	Diffuse reflection (short distance, ≤ 200 mm)
Notes	white target Kodak 90% 100 x 100mm
Optic position	Axial

Outputs

Output type	TRIAC NO
Output Function	NO
Switching frequency	25Hz

Response time	20ms
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Electrical data

Operating Voltage	20...253VAC/50-60Hz
No-Load supply current	≤ 30mARMS
Load current	5...300mARMS
Leakage current	6A
Output voltage drop	≤3V@Iload=300mARMS
Max ripple content	≤10%
LED indicators	Red (status output)
Time delay before availability	≤200ms
Emission	LED Infrared (880nm)
Interference to external light	3.000lux (incandescent lamp), 10.000lux (sunlight)

Mechanical data

Housing material	PBT / PC cable exit 90°
Connections	2m PVC cable 90°
Active Head Material	PMMA
Tightening torque	1Nm
Diameter/Dimension	M18

Test/Approvals

Approvals	CE cURus
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EMC compatibility	EN 60947-5-2
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Shocks and vibrations	Vibration IEC 60068-2-6 / Shock IEC 60068-2-27
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Accessories

Supplied Accessories	Nuts M18 x 1
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Generical Data

Dimensions	M18x1/L=78,6mm
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Operating Temperature	- 25°C...+ 70°C (Without freeze)
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Mechanical Protection	IP67
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